NIMAC Lithium-ion Battery Module

The NIMAC rechargeable Lithium battery employs lithium iron phosphate as its cathode and carbon as its anode. The electrolyte salt dissolves in organic compound solvent and the electrolyte system is absorbed in separators and plates. All batteries of this type have special one-way valve to allow the disaggregate-tire solvent gases escape.



General Features:

● More than 3000 deep cycle's lifelithium iron phosphate offers the lowest life-cycle cost, using a graphite anode.

● Built-in BMS can protect battery automatically from over-charge, over-discharge and over-temperature etc.

● Excellent high-rate discharge / recharges capability.

● Battery data can be monitored on PC through battery monitor system (BMS)

● High speed charge.

● Maintenance-free operation.

● Excellent safety.

Battery Model	NM48100		
Nominal Voltaje	48 V		
Capácity	4.8 KW		
Dimensions	Length	Width	Height
	442mm	470mm	155mm
Weight	45Kg		
Standard Charge Condition	52V ~ 54V		
Continuous Charge Current	≤40A		
Standard Discharging Method	0.2 C		
Max Peak Discharge Current / A	100 A		
Charge Cut-Off Voltaje / V	53 V		
Discharge Cut-Off Votlaje / V	46 V		
Operating Temperature Range	Discharge	Charge	Storage
	-0°C ~70°C	0°C ~ 70°C	-30-50°C

Caution:
1. Keep it away from Children.
2. Don't short-circuit battery.
3. Don't disassemble or modify the battery.
4. Don't use or leave battery nearby fire, stove or heated place.
5. Don't immerse battery in water, or make it wet.
6. Don't drive a nail into battery, strike it by hammer or tread it.
7. Please strictly use the battery according to above charge and discharge conditions.